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ABSTRACT

The second edition of a report on state and national trends in corporate investments in higher education focuses on the changes taking place in the support of colleges and universities by corporations and businesses. It includes both tax generated support and direct gifts. Trends between 1979-80 and 1986-87 are examined. Study findings for 1986-87 include the following: total corporate support of higher education through gifts and taxes amounted to $12.3 billion; public institutions received close to 10 times more total corporate support than independent colleges and universities; on a per-student basis total corporate support was almost three times as high for each student attending a public institution as it was for each student attending an independent college or university; corporate gifts as a proportion of total corporate support rose from 8% in 1979-80 to 12.7%; corporate gifts represented 21.4% of total voluntary giving to higher education; as public colleges seek more private money, patterns of voluntary giving by businesses and corporations suggest a shift away from independent colleges and universities; most of the corporate funds for higher education come through taxes or nonvoluntary support; and most state and local government tax subsidies benefit public colleges and universities. (SM)

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The Corporate Investment in Higher Education

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The Corporate Investment in Higher Education

STATE AND NATIONAL TRENDS IN GIFT AND TAX SUPPORT 1989 EDITION

National Institute of Independent Colleges and Universities

Foundation for Independent Higher Education

FOREWORD

This is the second edition of *The Corporate Investment in Higher Education* which highlights the changes taking place in the support of colleges and universities by corporations and businesses. It includes the information from the first report published in 1985, which examined trends from 1979–80 through 1983–84, and adds information on trends from 1984–85 through 1986–87.

This publication is a cooperative effort between the National Institute of Independent Colleges and Universities (NIICU) and the Foundation for Independent Higher Education (FIHE). These two associations share a commitment to heighten public understanding of and support for America's 1,600 independent colleges and universities. FIHE, through its fundraising activities, seeks to broaden corporate financial support for independent higher education across the nation. NIICU, the only research institute devoted solely to the study of America's independent colleges and universities, works closely with its related organization, the National Association of Independent Colleges and Universities, which represents independent higher education on public policy issues with the legislative, executive, and regulatory branches of the federal government.

We acknowledge with gratitude the generous financial support from the following companies and foundations that made this report possible: Johnson & Johnson, Pacific Telesis Foundation, The Pfizer Foundation, Inc., The Prudential Foundation, Tandy Corporation, and Tenneco Inc.

Richard F. Rosser
President
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EXECUTIVE SUMMARY

The purpose of this study is to assess the level of corporate support for colleges and universities, including tax-generated support as well as direct gifts. The study examines trends between 1979–80 and 1986–87. Major findings are listed below.

Corporate Gift and Tax Support

In 1986–87:

- Total corporate support of higher education through gifts and taxes amounted to $12.3 billion.
- Public institutions received close to ten times more total corporate support than independent colleges and universities ($11.2 billion compared to $1.1 billion).
- On a per-student basis, total corporate support was almost three times as high for each student attending a public institution ($1,678) as it was for each student attending an independent college or university ($589).

Corporate Gift Support

- Corporate gifts as a proportion of total corporate support rose from 8 percent in 1979–80 to 12.7 percent in 1986–87.
- In 1986–87, corporate gifts represented 21.4 percent of total voluntary giving to higher education, compared to 18.2 percent in 1979–80.
- As public colleges seek more private money, patterns of voluntary giving by corporations and businesses suggest a shift away from independent colleges and universities. In 1979–80, 58.5 percent of corporate gifts were directed to independent higher education. In 1986–87, 53.3 percent of corporate gift support was directed to independent institutions.

Corporate Tax Support

- Most of the corporate funds for higher education (about 87 percent in 1986–87) come through taxes or nonvoluntary support.
- Most state and local government tax subsidies benefit public colleges and universities; about 97 percent of higher education's share of corporate taxes, or $10.5 billion in 1986–87, flowed to the public sector. Independent institutions received about $336 million in corporate tax support, mostly in the form of need-based student assistance.

THE CASE FOR CORPORATE GIVING

With support totaling $12.3 billion annually, corporations play a major role in supporting higher education. Tax support makes up the major share (87 percent) of corporate support, most of which is in the form of appropriations to state colleges and universities. In fact, public institutions receive nearly ten times more than independent institutions when combined business tax and gift contributions are considered.

Meanwhile, the business community provides $1.6 billion annually in gift support to colleges and universities. This voluntary support can and does make the margin of difference by providing an important source of revenue for current operations, as well as for specific programs such as scholarships, funding for new equipment, and research projects.

Public institutions are stepping up their fund-raising efforts and are now seeking private gift support. In fact, corporate gifts to public institutions are increasing at a faster rate than gifts to independent institutions. This erosion of the funding share is of concern to independent colleges and universities because of their traditional reliance on private gift support.

It makes good economic, social, and public relations sense for business to continue its strong commitment to independent higher education. When determining corporate giving policy, corporations should consider the following links between the independent sector and business.

- Independent higher education is a major industry. In 1986–87 total revenues at independent colleges and universities reached an estimated $41 billion. As these dollars work their way through local economies, their effect is multiplied into a total economic impact exceeding $100 billion. In many small communities, independent colleges are not only the largest employer, but also the greatest source of contracts and services with the business community.
- Independent colleges enroll only 21 percent of all college students, but they award 33 percent of all bachelor's degrees, 40 percent of all master's degrees, 36 percent of all doctoral degrees, and 60 percent of all first professional degrees.
- Independent higher education, with its emphasis on quality liberal arts education, has produced more than its share of business and government leadership. According to a 1987 survey of leading corporate executives by Standard and Poor's, 52 percent of the executives received their undergraduate degrees and 63 percent received their graduate degrees from independent colleges and universities.
- Independent higher education serves many first-generation families. In 1988, 30 percent of the freshmen enrolled in independent colleges and universities were in the first generation of their families to attend college.
- Independent higher education provides a bargain to taxpayers by relying less on government support than do state colleges and universities. At independent colleges and universities, more than eighty cents of every dollar of revenue comes from tutition and private sources. Less than one-fifth of revenues comes directly from governmental funds. If the state system of higher education had to assume the responsibility for educating those students now attending independent colleges and universities, the extra burden for taxpayers would exceed $12 billion annually.
- Students are more likely to complete an undergraduate degree at an independent college or university. Degree completion rates for students entering a college or university on a full-time basis directly from high school and graduating within six years are 60.3 percent for independent colleges and universities and 48.9 percent for public institutions.
- Independent institutions serve a diverse student body, including many economically disadvantaged and minority students. In 1986, independent colleges and universities enrolled more students from families earning less than $25,000 than from families earning more than $50,000 per year.

OVERVIEW OF THE STUDY

The higher education and business communities have long recognized that the strength of one community depends to a considerable extent on the other. Business benefits from the teaching, research, and cultural services provided by institutions of higher learning. Higher education also serves the vital function of developing human capital and providing industry with qualified new employees as well as with continuing educational opportunities.

Business supports higher education in many ways, but essentially through direct gifts and corporate state taxes. Studies of business support of higher education have tended to focus only on the voluntary or gift side of support. For instance, the Council for Aid to Education (CFAE) and the Conference Board annually survey the business community to measure its level and pattern of gifts to education.

Less attention has been directed to corporate tax support for higher education, in part because tax support is more difficult to calculate. The corporate tax structure is complicated, varying not only in form (e.g., sales, income, license, etc.), but also from state to state. In addition, because of states' budgeting practices, significant appropriations for public colleges and universities such as expenditures for capital improvements, retirement, and fringe benefits, are accounted for outside of "higher education appropriations." (A more detailed description of these limitations is included in the Appendix.)

This study looks at the growth of total corporate support by examining both gifts and taxes.

TOTAL CORPORATE SUPPORT

In 1986–87, corporate support of colleges and universities reached $12.3 billion. Corporate tax support represented $10.8 billion in 1986–87, or about 87 percent of total corporate support of higher education. Table 1 shows the trends in corporate support since 1979–80.

The distribution of tax and gift support varies markedly between public and independent institutions. Figure 1 shows that in 1986–87 the corporate tax and gift support of public institutions was nearly ten times greater than support of independent institutions. This gap is attributable to the large amounts of state and local taxes appropriated to public colleges and universities.

A similar disparity occurs when we look at total corporate support on a per-student basis. Figure 2 shows that, in 1986–87, the amount of support per student at an independent institution was about $589, compared to $1,678 at a public institution.

TABLE 1.

Trends in Total Corporate Support 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
Tax Support	$6,389,564	$6,992,459	$7,664,524	$7,987,417	$8,545,176	$9,615,560	$10,234,978	$10,819,039
Gift Support	555,747	611,381	822,737	940,374	1,060,380	1,320,155	1,456,008	1,568,754
Total	$6,945,311	$7,603,840	$8,487,261	$8,927,791	$9,605,556	$10,935,715	$11,690,986	$12,387,784

FIGURE 1.

Distribution of Total Corporate Support 1979/80 to 1986/87 *(thousands)*

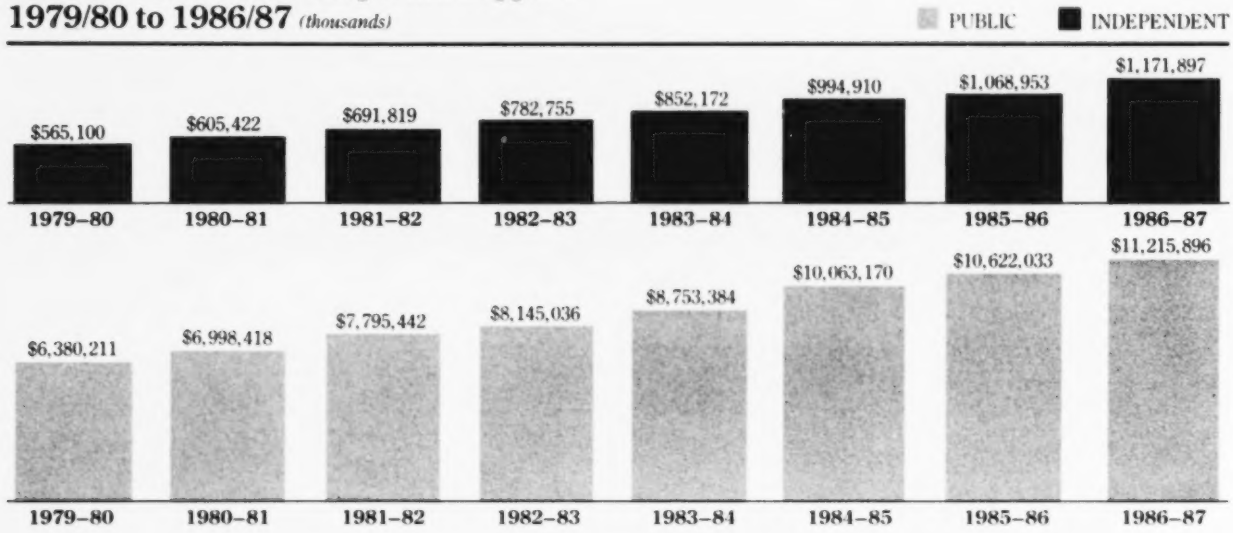
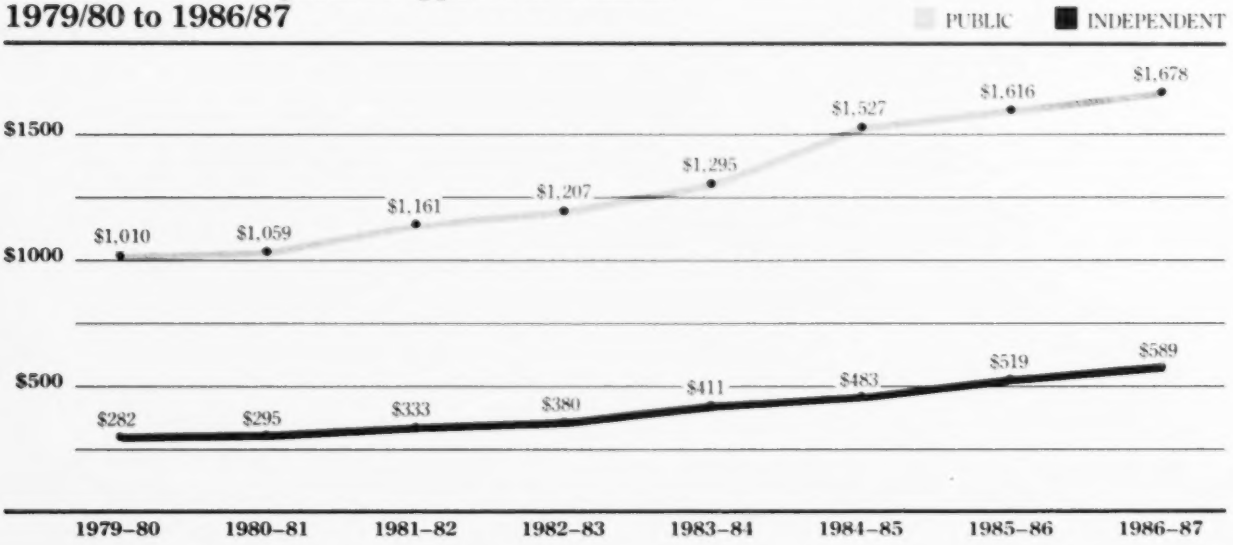


FIGURE 2.

Trends in Total Corporate Support Per Student 1979/80 to 1986/87



CORPORATE GIFT SUPPORT

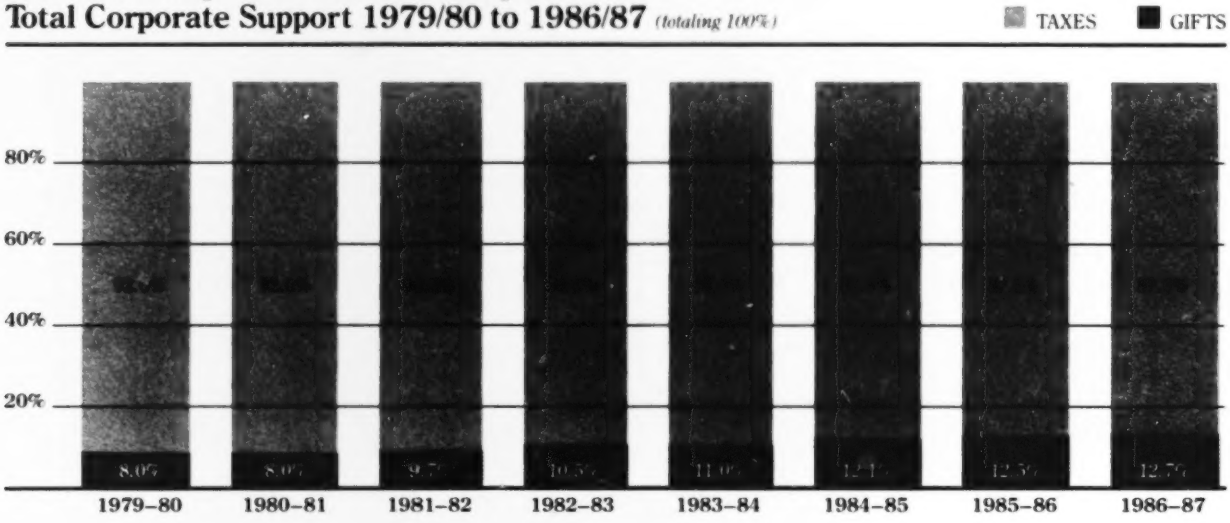
Although corporate taxes still represent the lion's share of total support, trends suggest a shift toward more voluntary or gift support. As indicated in Figure 3, corporate gifts as a percentage of total corporate support rose from 8.0 percent in 1979–80 to 12.7 percent in 1986–87. According to CFAE, corporate support now makes up 21.4 percent of total voluntary support of higher education, compared to 18.2 percent in 1979–80.

Public and independent institutions differ considerably in their funding sources. While public institutions rely more on tax support, independent colleges traditionally have relied on private gifts from corporations, foundations, and alumni in order to defer part of the true cost of education. The greater portion of corporate gift dollars goes to independent colleges and universities. It amounted to $835.7 million, or 53.3 percent of all corporate gifts to higher education, in 1986–87. However, this historically larger level of support to the independent sector is diminishing.

The rate of corporate giving to public institutions has been growing at a faster rate than giving to independent college and universities. In 1979–80, 58.5 percent of corporate and business gifts were made to independent colleges. In 1986–87, this proportion was 53.3 percent. As shown in Figure 4, this trend is not linear. Corporate gifts to independent colleges and universities reached their lowest level in 1985–86 at 49.8 percent of total corporate gift support, and have climbed back to the 1982–83 level, but the proportion is still less than the level in 1979–80.

FIGURE 3.

Trends in Corporate Gifts as a Proportion of Total Corporate Support 1979/80 to 1986/87 *(totaling 100%)*



CORPORATE TAX SUPPORT

On average, business taxes represent about 31.4 percent of total state and local tax support of higher education, both public and independent. Most state and local government tax subsidies benefit the public institutions; about 97 percent of higher education's share of corporate taxes, or $10.5 billion in 1986–87, flowed to the public sector. By contrast, independent institutions received about $336 million, mostly in the form of need-based aid to students. Figure 5 displays trends in corporate tax support of public and independent higher education since 1979–80.

FIGURE 4.

Trends in the Distribution of Corporate Gifts 1979/80 to 1986/87 *(totaling 100%)*

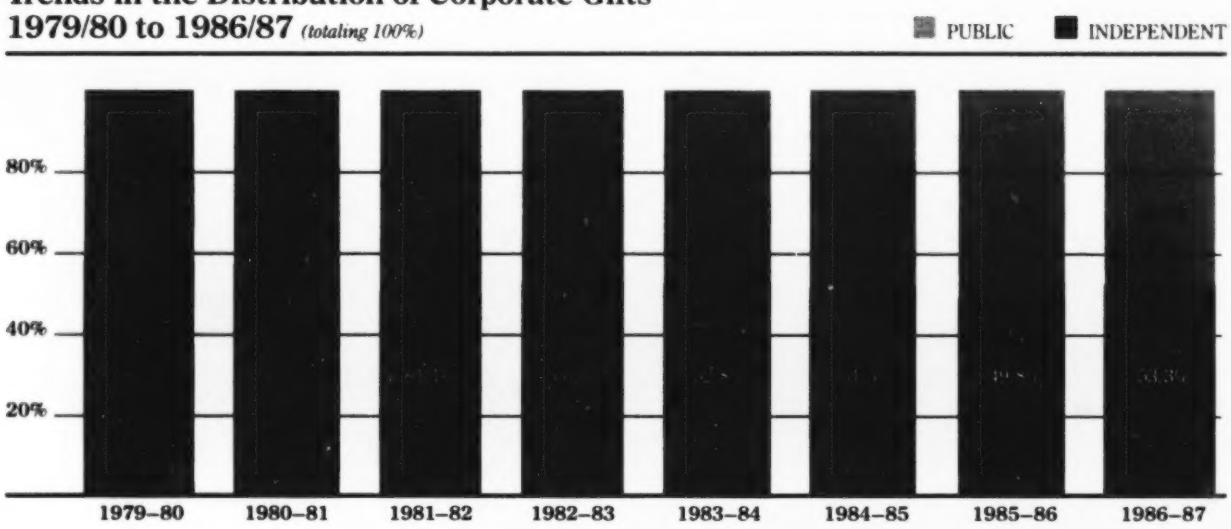
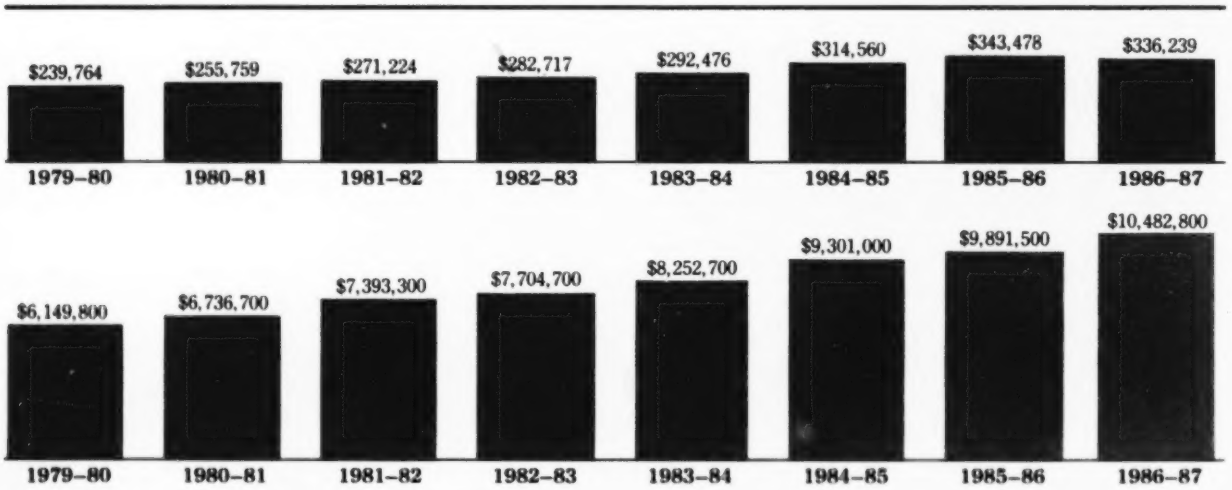


FIGURE 5.

Trends in Corporate Tax Support of Higher Education 1979/80 to 1986/87 *(thousands)*



METHODOLOGY

This updated analysis of trends in corporate support builds upon similar studies initiated by several states and expands the analysis in order to identify national trends. It relies on a variety of data sources. Information on the proportion of state and local taxes from corporations and businesses is from the U.S. Advisory Commission on Intergovernmental Relations, based on data supplied by the Joint Center for Urban Studies of the Massachusetts Institute of Technology and Harvard University.

Data on state and local appropriations for public higher education are from Research Associates of Washington, "State Profiles: Financing Public Higher Education, 1978 to 1988." The data exclude appropriations for capital outlays, including new construction and debt retirement. They may also exclude sums that are not considered part of the higher education budget in some states and are difficult to identify. Therefore, these data are conservative estimates.

Data on state programs supporting independent colleges and universities are from annual surveys conducted by the State-National Information Network for NIICU and the State Association Executives Council, and from the annual surveys of the National Association of State Scholarship and Grant Programs. Because the student aid programs include federal matching funds from the State Student Incentive Grant (SSIG) program, these data overestimate the level of state support of independent higher education. In fact, in the years prior to academic year 1987–88, independent colleges and universities in five states (Alabama, Mississippi, Nebraska, Nevada, and South Dakota) had to match federal SSIG funds themselves because the state provided no appropriations.

Data on corporate giving are from annual surveys on voluntary support conducted by the Council for Aid to Education.

Information on enrollment is from annual surveys conducted by the National Center for Education Statistics.

Corporate tax support of higher education was calculated by multiplying state and local appropriations by the proportion of revenues from corporations and taxes in each state. Total corporation support is tax support added to corporate voluntary support (gift support).

Total support per full-time equivalent (FTE) enrollment was calculated by dividing total corporate support by FTE enrollment in each sector, public and independent. However, this calculation gives the impression that support serves students in independent higher education more or less equally. In fact, there are states (e.g., Texas, Pennsylvania, Nebraska) with special appropriations for single institutions or a group of institutions; therefore the per-student level is inflated.

TABLE A-1.

Proportion of State and Local Taxes from Corporations and Business 1980

United States	31.4%
Alabama	34.2
Alaska	79.1
Arizona	32.1
Arkansas	26.5
California	30.3
Colorado	30.5
Connecticut	33.9
Delaware	38.4
Dist. of Columbia	31.9
Florida	35.1
Georgia	24.0
Hawaii	25.7
Idaho	27.2
Illinois	33.9
Indiana	32.8
Iowa	23.1
Kansas	32.3
Kentucky	28.8
Louisiana	47.1
Maine	23.5
Maryland	23.6
Massachusetts	21.0
Michigan	23.8
Minnesota	27.3
Mississippi	34.0
Missouri	29.9
Montana	42.1
Nebraska	19.6
Nevada	30.8
New Hampshire	34.8
New Jersey	33.4
New Mexico	43.4
New York	29.5
North Carolina	29.8
North Dakota	33.8
Ohio	32.7
Oklahoma	38.4
Oregon	31.6
Pennsylvania	30.6
Rhode Island	27.3
South Carolina	25.8
South Dakota	21.3
Tennessee	34.1
Texas	46.4
Utah	28.0
Vermont	28.0
Virginia	27.7
Washington	35.3
West Virginia	46.4
Wisconsin	22.7
Wyoming	54.0

SOURCE: U.S. Advisory Commission on Intergovernmental Relations.

TABLE A-2.

State and Local Appropriations for Public Higher Education 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$19,585,400	$21,454,600	$23,545,600	$24,537,300	$26,282,600	$29,621,100	$31,501,700	$33,384,600
Alabama	319,100	369,900	375,100	405,600	408,500	555,900	696,900	610,300
Alaska	86,500	105,300	127,300	148,000	158,100	166,900	168,100	144,400
Arizona	293,700	335,900	379,700	365,800	415,200	467,900	509,800	527,700
Arkansas	156,300	164,700	174,100	186,500	194,000	246,900	263,000	263,600
California	3,036,000	3,458,000	3,570,000	3,520,400	3,524,500	4,450,300	4,713,200	5,431,400
Colorado	223,900	242,200	294,100	333,700	355,000	372,300	384,600	408,300
Connecticut	149,300	174,800	182,900	197,700	226,300	293,000	318,000	359,200
Delaware	51,100	58,800	69,900	74,700	75,600	84,000	89,600	96,200
Dist. of Columbia	48,200	53,000	53,000	58,300	60,800	63,700	67,700	67,700
Florida	617,200	704,000	799,400	843,200	933,000	1,022,200	982,000	1,087,600
Georgia	388,000	435,300	502,400	537,700	566,000	623,700	674,600	718,900
Hawaii	133,900	150,100	169,900	200,300	203,700	213,000	231,000	201,000
Idaho	84,900	95,700	96,800	95,200	104,300	122,200	130,000	137,400
Illinois	927,900	1,027,200	1,065,800	1,097,900	1,196,400	1,283,100	1,409,000	1,489,100
Indiana	387,200	434,600	452,300	455,000	497,900	536,900	593,500	645,200
Iowa	257,500	292,700	319,300	364,300	355,600	385,600	381,900	401,500
Kansas	274,100	306,800	323,600	342,000	344,400	384,600	406,700	382,100
Kentucky	298,900	303,400	332,800	361,200	393,800	403,800	425,100	452,800
Louisiana	333,100	400,500	459,800	489,400	501,300	567,300	539,700	489,600
Maine	55,900	61,300	65,100	71,200	74,200	91,200	100,900	125,700
Maryland	367,800	413,600	427,200	479,300	486,800	542,400	589,900	636,600
Massachusetts	411,800	425,100	445,100	456,100	522,300	503,100	565,400	655,400
Michigan	847,600	802,200	970,700	907,100	947,900	1,106,500	1,249,500	1,332,500
Minnesota	473,100	476,800	543,700	537,600	586,300	620,300	673,400	754,900
Mississippi	228,900	255,400	275,100	290,100	327,200	331,900	350,000	323,200
Missouri	324,100	357,100	348,200	368,200	375,800	410,600	480,300	501,900
Montana	61,600	67,500	85,600	97,300	105,700	109,600	108,600	103,600
Nebraska	177,200	196,700	213,700	219,900	231,600	240,200	236,400	243,200
Nevada	58,300	64,100	68,600	71,900	75,400	78,600	94,400	102,400
New Hampshire	29,800	32,900	39,300	35,200	41,100	42,600	50,200	55,900
New Jersey	515,400	553,200	614,000	652,200	712,000	792,900	887,000	966,500
New Mexico	133,500	159,200	182,200	199,300	210,900	224,000	225,900	240,500
New York	1,528,800	1,637,700	1,795,600	1,913,300	2,208,600	2,471,600	2,551,900	2,824,100
North Carolina	510,500	581,000	650,200	697,700	734,900	967,400	1,081,300	1,165,600
North Dakota	74,300	78,500	104,000	104,500	107,700	116,300	123,500	125,600
Ohio	670,500	720,800	740,700	761,600	888,300	972,400	1,099,400	1,191,300
Oklahoma	233,500	275,600	331,200	393,900	365,000	441,900	519,800	472,400
Oregon	265,000	262,500	302,000	290,400	338,400	353,900	389,400	414,600
Pennsylvania	670,400	677,000	756,400	805,200	839,800	910,200	983,100	1,022,000
Rhode Island	68,900	75,100	79,800	86,900	91,700	97,000	102,900	109,800
South Carolina	314,900	339,200	356,100	356,100	387,700	455,200	471,900	500,800
South Dakota	47,300	48,000	53,500	49,600	48,900	55,700	61,500	61,800
Tennessee	323,800	340,200	356,200	383,900	405,900	494,000	547,100	614,200
Texas	1,358,100	1,518,900	1,967,400	2,102,900	2,313,400	2,409,700	2,273,200	2,066,600
Utah	139,300	155,200	175,200	195,900	203,600	235,800	244,400	244,400
Vermont	24,900	26,700	30,000	32,600	35,400	37,300	38,900	40,300
Virginia	433,200	499,600	529,400	572,300	598,600	685,600	737,900	845,700
Washington	456,900	451,800	443,100	443,700	543,800	558,400	588,900	624,200
West Virginia	145,300	152,700	169,700	162,900	171,000	192,800	207,700	207,500
Wisconsin	507,100	554,400	582,400	607,700	670,500	702,000	751,000	768,400
Wyoming	60,900	81,700	96,000	113,900	117,800	126,700	131,600	129,000

NOTE: Appropriations are for current operating expenses. Excluded are sum for capital outlays. Figures may not add to total due to rounding.
SOURCE: *State Profiles: Financing Public Higher Education 1978 to 1988* by Research Associates of Washington, 1988.

TABLE A-3. Total State and Local Program Funds to or on Behalf of Independent Colleges and Universities 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$763,580	$814,519	$863,772	$900,373	$931,452	$1,001,782	$1,093,879	$1,166,365
Alabama	3,381	3,452	3,128	5,991	4,170	5,013	4,853	6,900
Alaska	44	51	55	38	30	54	54	54
Arizona	49	54	78	71	61	83	78	89
Arkansas	313	433	341	359	373	841	1,023	1,042
California	56,047	60,106	58,489	53,474	51,010	55,653	64,265	69,058
Colorado	96	83	82	82	64	1,212	969	1,348
Connecticut	7,102	7,650	7,608	7,804	8,106	3,258	8,267	3,228
Delaware	192	301	370	384	419	231	236	661
Dist. of Columbia	829	489	693	693	543	553	553	530
Florida	13,659	16,491	23,604	28,032	27,667	21,086	23,390	27,189
Georgia	9,624	10,156	12,169	15,078	12,188	4,630	10,735	5,135
Hawaii	69	196	280	260	187	197	197	239
Idaho	38	38	39	40	32	58	210	122
Illinois	81,053	81,861	86,022	81,346	87,931	98,890	109,530	115,419
Indiana	14,299	12,594	9,637	11,153	11,628	12,152	14,230	16,449
Iowa	15,370	16,370	14,882	16,050	19,094	21,786	21,992	21,973
Kansas	4,380	4,260	4,260	4,020	4,020	4,220	4,530	4,700
Kentucky	2,800	4,584	4,053	3,970	4,899	5,511	5,567	7,677
Louisiana	2,000	2,600	3,590	3,800	4,010	932	672	55
Maine	658	533	293	105	333	175	636	512
Maryland	11,797	15,025	17,934	16,340	17,865	15,030	20,426	18,773
Massachusetts	16,823	17,563	17,863	17,955	31,146	36,846	43,931	52,659
Michigan	35,401	32,738	39,013	40,976	42,580	45,157	55,381	57,929
Minnesota	13,315	18,610	16,037	15,548	18,520	14,409	17,151	20,790
Mississippi	596	563	542	558	423	536	507	510
Missouri	5,366	7,610	7,114	7,450	7,627	8,138	8,442	8,397
Montana	61	44	49	35	46	68	37	32
Nebraska	118	140	227	293	107	140	294	130
Nevada	0	0	0	0	0	0	0	0
New Hampshire	210	189	184	183	165	223	252	295
New Jersey	24,757	27,641	30,630	31,403	33,702	36,935	45,788	46,539
New Mexico	237	278	180	248	202	349	497	497
New York	211,007	232,457	253,726	263,282	265,363	316,100	317,000	333,172
North Carolina	19,627	22,047	22,947	24,200	25,969	26,711	30,315	31,184
North Dakota	111	141	240	241	212	235	280	275
Ohio	19,259	16,950	18,143	20,214	19,631	26,893	37,511	43,269
Oklahoma	813	573	607	2,024	2,029	1,895	2,077	3,000
Oregon	3,997	4,012	2,530	2,661	2,622	2,893	3,092	3,191
Pennsylvania	95,500	97,208	95,446	99,660	99,343	104,357	120,617	132,661
Rhode Island	2,586	2,982	2,990	3,379	3,570	3,095	1,801	2,086
South Carolina	10,946	11,873	13,119	13,219	12,578	13,904	15,618	16,411
South Dakota	108	125	126	264	209	238	342	305
Tennessee	3,750	3,975	4,000	4,000	4,500	5,492	6,827	6,962
Texas	43,649	46,363	53,396	60,995	63,490	72,329	54,585	61,017
Utah	68	42	42	30	10	39	53	49
Vermont	1,337	1,674	1,841	2,182	2,472	4,304	4,609	4,646
Virginia	7,297	8,413	9,640	12,250	13,550	12,855	13,883	15,021
Washington	2,273	2,361	3,500	4,464	5,386	1,702	6,372	8,266
West Virginia	1,611	1,511	1,900	1,210	1,192	2,279	1,338	2,466
Wisconsin	18,955	19,110	20,131	22,358	20,178	12,095	12,856	13,453
Wyoming	0	0	0	0	0	0	0	0

NOTES: Includes federal matching funds through the State Student Incentive Grant (SSIG) program. Prior to academic year 1987–88, independent colleges and universities in five states—Alabama, Mississippi, Nebraska, Nevada, and South Dakota—had to match federal SSIG funds themselves because the states provided no appropriations. Data include state funds appropriated on behalf of specific institutions in certain states to meet special needs or circumstances, most notably in Maryland, Pennsylvania, Texas and Wisconsin.
SOURCES: State-National Information Network, NIICU/State Association Executives' Council, Annual surveys of *State Legislative Activity* and National Association of State Scholarship and Grant programs, *Annual Surveys*.

TABLE A-4. Proportion of Total State and Local Appropriations to Public Colleges and Universities from Corporations and Businesses 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$6,149,800	$6,736,700	$7,393,300	$7,704,700	$8,252,700	$9,301,000	$9,891,500	$10,482,800
Alabama	109,100	126,500	128,300	138,700	139,700	190,100	238,200	208,700
Alaska	68,400	83,300	100,700	117,100	125,100	132,000	133,000	114,200
Arizona	94,300	107,800	121,900	117,400	133,300	150,200	163,600	169,400
Arkansas	41,400	43,600	46,100	49,400	51,400	65,400	69,700	69,900
California	919,900	1,047,800	1,081,700	1,066,700	1,067,900	1,348,400	1,428,100	1,645,700
Colorado	68,300	73,900	89,700	101,800	108,300	113,600	117,300	124,500
Connecticut	50,600	59,300	62,000	67,000	76,700	99,300	107,800	121,800
Delaware	19,600	22,600	26,800	28,700	29,000	32,300	34,400	36,900
Dist. of Columbia	15,400	16,900	16,900	18,600	19,400	20,300	21,600	21,600
Florida	216,600	247,100	280,600	296,600	327,500	358,800	344,700	381,700
Georgia	93,100	104,500	120,600	129,000	135,900	149,700	161,900	172,500
Hawaii	34,400	38,600	43,700	51,500	52,400	54,700	59,400	51,700
Idaho	23,100	26,000	26,300	25,900	28,400	33,200	35,400	37,400
Illinois	314,600	348,200	361,300	372,200	405,600	435,000	477,700	504,800
Indiana	127,000	142,500	148,400	149,200	163,300	176,100	194,700	211,600
Iowa	59,400	67,600	73,800	84,200	82,100	89,100	88,200	92,700
Kansas	88,300	98,800	104,200	110,100	110,900	123,800	131,000	123,000
Kentucky	86,100	87,400	95,800	104,000	113,400	116,300	122,400	130,400
Louisiana	156,900	188,600	216,600	230,500	236,100	267,200	254,200	230,600
Maine	13,100	14,400	15,300	16,700	17,400	21,400	23,700	29,500
Maryland	86,800	97,600	100,800	112,900	115,600	128,000	139,200	150,200
Massachusetts	86,500	89,300	93,500	95,800	109,700	105,700	118,700	137,600
Michigan	201,700	190,900	231,000	215,900	225,600	263,300	297,400	317,100
Minnesota	129,200	130,200	148,400	146,800	160,100	169,300	183,800	206,100
Mississippi	77,800	86,800	93,500	98,600	111,200	112,800	119,000	109,900
Missouri	96,900	106,800	104,100	110,100	112,400	122,800	143,600	150,100
Montana	25,900	28,400	36,000	40,900	44,500	46,100	45,700	43,600
Nebraska	34,700	38,600	41,900	43,100	43,400	47,100	46,300	47,700
Nevada	18,000	19,700	21,100	22,100	23,200	24,200	29,100	31,500
New Hampshire	10,400	11,400	13,700	12,200	14,300	14,800	17,500	19,500
New Jersey	172,100	184,800	205,100	217,800	237,800	264,800	296,300	322,800
New Mexico	57,900	69,100	79,100	86,500	91,500	97,200	98,000	104,400
New York	452,000	483,100	529,700	564,400	651,500	729,100	752,800	833,100
North Carolina	152,100	173,100	193,700	207,900	219,000	288,300	322,200	347,300
North Dakota	25,100	26,500	35,200	35,300	36,400	39,300	41,700	42,500
Ohio	219,300	235,700	242,200	249,000	280,500	318,000	359,500	389,600
Oklahoma	89,700	105,800	172,200	151,300	140,200	169,700	199,600	181,400
Oregon	83,700	82,900	95,400	91,800	106,900	111,800	123,100	131,000
Pennsylvania	205,100	207,200	231,500	246,400	257,000	278,500	300,800	312,700
Rhode Island	18,800	20,500	21,800	24,000	25,000	26,500	28,100	30,000
South Carolina	81,200	87,500	91,900	91,900	100,000	117,400	121,800	129,200
South Dakota	10,100	10,200	11,400	10,600	10,400	11,900	13,100	13,200
Tennessee	110,400	116,000	121,500	131,000	138,400	168,500	186,600	209,400
Texas	630,200	704,800	912,900	975,700	1,073,400	1,118,100	1,054,700	958,900
Utah	39,000	43,700	49,100	54,900	57,000	66,000	68,400	68,400
Vermont	7,000	7,500	8,400	9,100	9,900	10,400	10,900	11,300
Virginia	120,000	138,400	146,600	158,500	165,800	189,900	204,400	234,300
Washington	161,300	159,500	156,400	156,600	192,000	197,100	207,900	220,300
West Virginia	67,700	71,200	79,000	76,000	79,700	89,800	96,800	96,700
Wisconsin	115,100	125,800	132,200	138,000	152,200	159,400	170,500	174,400
Wyoming	32,700	44,100	51,800	61,500	63,600	68,400	87,300	69,700

NOTE: Figures may not add to total due to rounding.

TABLE A-5.

Proportion of Total State and Local Appropriations to Independent Colleges and Universities from Corporations and Businesses 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$239,764	$255,759	$271,224	$282,717	$292,476	$314,560	$343,478	$336,239
Alabama	1,156	1,181	1,070	2,049	1,426	1,714	1,660	2,167
Alaska	35	40	44	30	24	43	43	1,660
Arizona	16	17	25	23	20	27	25	70
Arkansas	83	115	90	95	99	223	271	334
California	16,982	18,212	17,722	16,203	15,456	16,863	19,472	20,925
Colorado	29	25	25	25	19	370	296	411
Connecticut	2,408	2,593	2,579	2,646	2,749	1,104	2,803	1,094
Delaware	74	115	142	147	161	89	91	254
Dist. of Columbia	265	156	221	221	173	176	176	169
Florida	4,794	5,788	8,285	9,839	9,711	7,401	8,210	9,543
Georgia	2,310	2,437	2,921	3,619	2,925	1,111	2,576	1,232
Hawaii	18	50	72	67	48	51	51	61
Idaho	10	10	10	11	9	16	57	33
Illinois	27,477	27,751	29,162	27,576	29,809	33,524	37,131	39,127
Indiana	4,690	4,131	3,161	3,658	3,814	3,986	4,667	5,395
Iowa	3,551	3,781	3,438	3,708	4,411	5,033	5,080	5,076
Kansas	1,410	1,372	1,372	1,294	1,294	1,359	1,459	1,513
Kentucky	806	1,320	1,167	1,143	1,411	1,587	1,603	2,211
Louisiana	942	1,225	973	1,030	1,087	439	317	26
Maine	155	125	69	25	78	41	164	120
Maryland	2,784	3,546	4,232	3,856	4,216	3,547	4,821	4,430
Massachusetts	3,533	3,688	3,751	3,771	6,541	7,737	9,226	11,058
Michigan	3,425	7,792	9,285	9,752	10,134	10,747	13,181	13,787
Minnesota	3,635	5,081	4,378	4,245	5,056	3,934	4,682	5,676
Mississippi	203	191	184	190	144	182	172	17
Missouri	1,604	2,275	2,127	2,228	2,280	2,433	2,524	2,511
Montana	26	19	21	15	19	29	16	13
Nebraska	23	27	45	57	21	27	25	25
Nevada	0	0	0	0	0	0	0	0
New Hampshire	73	66	64	64	57	78	88	103
New Jersey	8,269	9,232	10,230	10,488	11,256	12,336	15,293	15,544
New Mexico	103	121	78	108	87	151	216	216
New York	62,247	68,575	74,852	77,668	78,282	93,260	93,515	98,286
North Carolina	5,849	6,570	6,838	7,212	7,739	7,960	9,034	9,293
North Dakota	38	48	81	81	72	79	98	93
Ohio	6,298	5,543	5,933	6,610	6,419	8,794	12,266	14,149
Oklahoma	312	220	233	777	779	728	798	1,152
Oregon	1,407	1,416	893	939	925	914	977	1,008
Pennsylvania	29,223	29,746	29,206	30,496	30,399	31,933	38,115	40,594
Rhode Island	706	814	816	923	975	845	551	569
South Carolina	2,824	3,063	3,385	3,411	3,245	3,587	4,029	4,234
South Dakota	23	27	27	56	44	51	73	65
Tennessee	1,279	1,355	1,364	1,364	535	1,873	2,328	2,374
Texas	20,253	21,512	24,776	28,302	29,459	33,561	25,327	28,434
Utah	19	12	12	8	3	11	15	14
Vermont	374	469	515	611	692	1,205	1,291	1,301
Virginia	2,021	2,330	2,670	3,393	3,753	3,561	3,846	4,161
Washington	802	833	1,235	1,576	1,901	601	2,249	2,918
West Virginia	750	704	885	564	555	1,062	624	1,149
Wisconsin	4,303	4,338	4,570	5,075	4,580	275	2,918	3,054
Wyoming	0	0	0	0	0	0	0	0

NOTE: Figures may not add to total due to rounding.

TABLE A-6.

Corporate Giving to Public Colleges and Universities 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$230,411	$261,718	$402,142	$440,336	$500,684	$639,806	$730,533	$733,096
Alabama	2,132	2,618	4,476	10,041	12,723	11,999	16,817	11,907
Alaska	0	0	0	0	0	0	113	555
Arizona	10,073	19,968	16,860	16,193	10,761	31,945	17,206	21,168
Arkansas	276	196	119	56	1,383	589	630	1,195
California	15,742	29,206	63,765	48,320	80,869	94,616	106,613	105,364
Colorado	2,976	7,495	9,386	10,570	15,397	14,296	16,629	22,945
Connecticut	1,247	1,655	2,382	3,415	2,600	6,328	7,747	7,677
Delaware	1,871	1,855	3,376	3,189	3,550	3,948	3,614	3,898
Dist. of Columbia	0	0	0	0	0	0	0	0
Florida	7,386	5,744	14,438	15,905	16,789	18,667	19,028	23,662
Georgia	12,822	12,876	14,662	19,715	21,784	46,349	40,006	18,749
Hawaii	763	0	1,222	2,545	1,992	1,351	3,607	1,986
Idaho	0	0	326	0	80	288	340	—
Illinois	13,218	15,946	26,821	25,118	22,387	35,420	34,451	29,397
Indiana	7,397	12,511	20,924	9,724	12,073	13,682	22,379	26,126
Iowa	8,023	187	4,808	14,070	8,580	11,613	18,966	19,515
Kansas	3,498	4,784	6,373	6,155	8,128	8,527	7,667	8,111
Kentucky	1,737	2,495	3,978	3,002	6,221	2,043	3,836	8,686
Louisiana	73	7,572	9,063	9,012	1,485	1,094	1,796	1,521
Maine	431	222	1,159	1,978	296	168	1,738	2,069
Maryland	5,227	5,532	1,683	494	785	7,311	6,586	8,854
Massachusetts	233	970	779	5,119	7,496	6,470	4,470	4,354
Michigan	25,910	23,871	31,024	26,448	29,668	39,860	40,081	37,644
Minnesota	4,781	7,129	9,501	13,444	14,284	31,887	37,566	32,241
Mississippi	2,170	1,639	1,427	513	2,338	1,775	5,169	4,267
Missouri	3,239	3,923	6,104	8,639	10,972	10,231	11,876	11,958
Montana	394	1,472	757	1,295	845	1,010	4,574	458
Nebraska	2,652	3,717	4,562	5,132	3,862	4,122	9,175	5,940
Nevada	0	0	0	0	0	0	781	877
New Hampshire	206	5	718	1,217	986	4	20	119
New Jersey	5,314	3,675	3,721	4,416	6,160	3,231	14,303	14,223
New Mexico	757	933	1,338	1,511	3,365	2,582	3,457	2,544
New York	2,438	1,496	14,042	4,226	3,347	6,877	12,241	14,454
North Carolina	4,945	4,586	9,761	10,518	11,669	12,622	18,403	20,727
North Dakota	1,280	0	1,158	1,770	244	32	185	15
Ohio	10,160	12,414	13,663	22,665	20,583	25,067	30,053	38,302
Oklahoma	2,172	1,150	3,358	3,463	4,551	4,555	4,862	5,177
Oregon	3,248	3,274	4,398	9,550	7,942	7,424	7,072	6,592
Pennsylvania	3,503	4,123	6,953	9,882	14,709	20,453	22,419	30,140
Rhode Island	841	616	1,857	1,160	2,115	2,155	2,451	3,193
South Carolina	1,504	1,235	1,716	2,681	4,750	2,780	1,550	4,701
South Dakota	515	543	605	599	327	1,369	1,384	1,149
Tennessee	10,502	3,214	5,494	4,582	5,689	5,953	12,909	10,168
Texas	21,058	26,164	35,063	46,519	45,495	106,667	68,395	67,087
Utah	1,282	514	2,079	8,342	13,970	1,654	2,029	2,291
Vermont	559	904	1,222	1,728	1,067	1,157	1,610	1,406
Virginia	8,901	10,666	12,203	14,822	20,821	26,143	22,733	19,678
Washington	6,864	3,023	7,162	14,229	14,897	24,996	26,004	38,513
West Virginia	2,134	2,139	4,453	14	161	3,243	9,488	4,327
Wisconsin	7,957	7,046	11,183	16,451	18,920	21,565	24,452	25,983
Wyoming	0	403	0	0	1,566	1,444	1,053	1,180

SOURCE: Council for Aid to Education, Voluntary Support of Education (Annual Surveys).

TABLE A-7.

Corporate Giving to Independent Colleges and Universities 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$325,336	$349,663	$420,595	$500,038	$559,696	$680,350	$725,475	$835,658
Alabama	3,538	889	4,085	3,623	3,123	3,103	2,624	4,162
Alaska	0	163	0	0	0	0	0	0
Arizona	295	294	511	462	475	429	469	476
Arkansas	394	389	260	444	831	816	832	804
California	30,822	37,292	52,761	63,554	67,583	83,589	89,301	87,989
Colorado	2,150	2,219	1,868	2,441	2,371	3,232	2,373	1,738
Connecticut	7,528	7,775	9,353	11,573	12,549	16,822	22,834	24,454
Delaware	9	12	19	10	14	28	24	29
Dist. of Columbia	5,713	10,358	9,544	9,274	10,504	13,066	14,781	10,468
Florida	5,037	6,618	8,017	9,755	9,664	12,202	17,789	16,079
Georgia	2,876	4,407	5,956	5,697	5,777	7,891	7,294	8,970
Hawaii	87	82	41	46	108	60	301	376
Idaho	144	79	39	245	420	160	0	0
Illinois	22,393	20,513	27,147	23,794	29,724	35,694	43,320	50,493
Indiana	9,451	8,581	9,334	11,525	9,023	18,534	17,639	17,720
Iowa	5,420	5,003	5,129	6,818	6,422	6,270	6,111	7,324
Kansas	1,591	960	1,131	1,735	2,471	2,037	2,881	2,572
Kentucky	2,815	1,914	2,758	4,149	3,704	2,621	2,393	3,404
Louisiana	3,687	4,115	6,186	7,950	7,819	8,115	5,454	6,742
Maine	493	653	1,563	1,017	924	1,216	1,586	2,077
Maryland	3,909	5,410	7,783	7,082	7,139	15,581	11,573	16,478
Massachusetts	37,539	45,228	56,555	76,588	80,185	92,883	92,586	123,590
Michigan	6,740	5,774	4,930	5,922	13,065	12,773	10,185	10,713
Minnesota	4,311	3,359	4,933	5,249	6,519	10,325	6,045	9,321
Mississippi	3,252	625	838	748	1,098	1,335	1,148	1,582
Missouri	8,772	8,771	8,023	9,552	15,644	19,924	18,141	20,348
Montana	586	566	885	508	365	365	709	269
Nebraska	2,367	4,321	2,490	2,150	2,451	2,720	3,804	3,188
Nevada	0	0	0	0	0	0	0	0
New Hampshire	2,554	3,522	3,545	3,744	4,405	4,004	5,254	19,089
New Jersey	6,049	5,814	7,054	9,931	12,524	20,186	19,866	19,049
New Mexico	52	0	0	86	0	0	0	0
New York	43,603	50,614	60,034	80,957	93,107	115,943	129,272	130,118
North Carolina	10,639	13,024	14,252	16,250	18,896	23,779	27,857	79,125
North Dakota	148	134	144	287	196	311	299	324
Ohio	13,841	12,947	13,618	16,226	16,054	19,420	19,682	23,040
Oklahoma	4,200	5,560	5,821	5,376	4,240	4,480	3,267	3,794
Oregon	2,052	1,273	1,108	1,858	1,044	1,630	2,666	4,094
Pennsylvania	28,268	36,921	34,921	43,982	49,323	56,168	71,586	68,466
Rhode Island	2,408	2,870	3,106	5,696	5,950	3,389	5,750	10,878
South Carolina	1,623	1,533	1,940	2,908	2,263	2,263	3,401	3,040
South Dakota	413	334	495	871	345	572	883	1,149
Tennessee	4,984	5,480	6,681	6,976	9,059	11,357	12,393	15,963
Texas	15,676	9,938	20,774	15,980	19,113	19,496	15,776	16,732
Utah	236	484	310	0	0	3,451	0	0
Vermont	698	535	724	833	1,178	1,358	1,360	1,436
Virginia	4,693	4,170	5,073	5,055	5,939	6,758	7,733	7,085
Washington	2,181	1,270	1,816	2,314	7,319	3,279	4,463	3,303
West Virginia	574	980	377	697	1,028	919	1,016	1,384
Wisconsin	8,524	5,874	6,662	8,099	7,744	9,795	10,755	11,222
Wyoming	0	0	0	0	0	0	0	0

SOURCE: Council for Financial Aid to Education, Voluntary Support of Education (Annual Surveys).

TABLE A-8.

Total Corporate Support of Public Colleges and Universities 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$6,380,211	$6,988,418	$7,795,442	$8,145,036	$8,753,384	$10,063,170	$10,622,033	$11,215,896
Alabama	111,232	129,118	132,776	148,741	152,423	201,999	300,017	220,607
Alaska	68,400	83,300	100,700	117,100	125,100	132,000	133,113	114,755
Arizona	104,373	127,768	138,760	133,593	144,061	181,945	180,806	190,568
Arkansas	41,676	43,796	46,219	49,456	52,783	65,585	70,330	71,095
California	935,642	1,077,006	1,145,465	1,115,020	1,148,769	1,442,616	1,534,713	1,751,064
Colorado	71,276	81,395	99,086	112,370	123,679	128,296	133,929	147,445
Connecticut	51,847	60,965	64,382	70,415	79,300	105,328	115,547	129,477
Delaware	21,471	24,455	30,176	31,889	32,550	35,948	38,014	40,798
Dist. of Columbia	15,400	16,900	16,900	18,600	19,400	20,300	21,600	21,600
Florida	223,986	252,844	295,038	311,905	344,289	377,467	363,728	405,362
Georgia	105,922	117,376	121,822	148,715	152,689	196,049	201,906	191,249
Hawaii	35,163	38,600	44,922	54,045	54,392	56,051	63,007	53,686
Idaho	23,100	26,000	26,626	25,900	28,480	33,488	35,740	37,400
Illinois	327,818	364,146	388,121	397,318	427,987	470,420	512,151	534,197
Indiana	134,397	155,000	169,324	158,924	175,373	189,782	217,079	237,726
Iowa	67,423	67,787	78,608	98,270	90,680	100,713	107,166	112,215
Kansas	91,798	103,584	110,573	116,255	119,028	132,327	138,667	131,111
Kentucky	87,831	89,895	99,778	107,002	119,621	118,343	126,236	139,086
Louisiana	156,973	196,172	225,663	239,512	237,585	268,294	255,996	232,121
Maine	13,531	14,622	16,459	18,678	17,696	21,568	25,438	31,569
Maryland	92,027	103,132	102,483	113,394	116,385	135,311	145,786	159,054
Massachusetts	86,733	89,533	94,279	100,919	117,196	112,170	123,170	141,954
Michigan	227,610	214,771	262,024	242,348	255,268	303,160	337,481	354,744
Minnesota	133,981	137,329	157,901	160,244	174,384	201,187	221,366	238,341
Mississippi	79,970	88,439	94,927	99,113	113,538	114,575	124,169	114,167
Missouri	100,139	110,723	110,204	118,739	123,372	133,031	155,476	162,058
Montana	26,294	29,873	36,757	42,195	45,345	47,110	50,274	44,058
Nebraska	37,352	42,317	46,462	48,232	47,262	51,222	55,475	53,640
Nevada	18,000	19,700	21,100	22,100	23,200	24,200	29,881	32,377
New Hampshire	10,606	11,405	14,418	13,417	15,286	14,803	17,520	19,619
New Jersey	177,414	188,475	208,821	222,216	243,960	268,031	310,603	337,023
New Mexico	58,657	70,033	80,438	88,011	94,865	99,782	101,457	106,944
New York	454,438	484,596	543,742	568,626	654,847	735,977	765,041	847,554
North Carolina	157,045	177,686	202,961	218,418	230,669	300,922	340,603	368,027
North Dakota	26,380	26,500	36,358	36,970	36,644	39,332	41,885	42,515
Ohio	229,460	248,114	255,863	271,665	311,083	343,067	389,553	427,902
Oklahoma	91,872	106,950	130,558	154,763	144,751	174,255	204,462	186,577
Oregon	86,948	86,174	99,798	101,350	114,842	119,224	130,172	137,592
Pennsylvania	208,603	211,323	238,453	256,282	271,709	298,953	323,219	342,840
Rhode Island	19,641	21,116	23,657	26,681	27,115	28,655	30,551	33,193
South Carolina	82,704	88,735	93,616	94,581	104,750	120,180	123,350	133,901
South Dakota	10,615	10,743	12,005	11,199	10,727	13,269	14,484	14,349
Tennessee	120,902	119,214	126,994	135,582	144,089	174,453	199,509	219,568
Texas	651,258	730,964	947,963	1,022,219	1,118,895	1,224,767	1,123,095	1,025,987
Utah	40,282	44,214	51,179	63,242	70,970	67,654	70,429	70,691
Vermont	7,559	8,404	9,622	10,828	10,967	11,557	12,510	12,706
Virginia	128,901	149,066	158,803	173,322	180,697	216,043	227,133	253,978
Washington	168,164	162,523	163,582	170,829	206,897	222,096	233,904	258,813
West Virginia	69,834	73,339	83,453	76,014	79,861	93,043	106,288	101,027
Wisconsin	123,067	126,203	143,303	154,451	171,120	180,965	194,952	200,383
Wyoming	32,700	44,100	51,800	61,500	63,600	69,844	88,353	70,880

TABLE A-9.

Total Corporate Support of Independent Colleges and Universities 1979/80 to 1986/87 *(thousands)*

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$565,100	$605,422	$691,819	$782,755	$852,172	$994,910	$1,068,953	$1,171,897
Alabama	4,694	2,070	5,155	5,672	4,549	4,818	4,284	6,329
Alaska	35	203	44	30	24	43	43	1,660
Arizona	311	311	536	485	495	456	495	547
Arkansas	477	504	350	539	930	1,039	1,103	1,138
California	47,804	55,504	70,483	79,757	83,039	100,452	108,773	108,913
Colorado	2,179	2,244	1,983	2,466	2,390	3,602	2,669	2,149
Connecticut	9,936	10,368	11,932	14,219	15,298	17,926	25,636	25,548
Delaware	83	127	161	157	175	116	115	283
Dist. of Columbia	5,978	10,514	9,765	9,495	10,677	13,243	14,958	10,637
Florida	9,831	12,406	16,302	19,594	19,374	19,604	25,999	25,622
Georgia	5,186	6,844	8,877	9,316	8,702	9,002	9,870	10,203
Hawaii	105	132	113	133	156	111	352	437
Idaho	154	89	49	256	429	176	57	33
Illinois	49,870	48,264	56,309	51,370	59,533	69,275	80,451	89,620
Indiana	14,141	12,712	12,495	15,183	12,837	22,520	22,307	23,115
Iowa	8,971	8,784	8,567	10,526	10,833	11,302	11,191	12,400
Kansas	3,001	2,332	2,503	3,029	3,765	3,396	4,339	4,086
Kentucky	3,621	3,234	3,925	5,292	5,115	4,208	3,996	5,615
Louisiana	4,629	5,340	7,159	8,980	8,906	8,554	5,770	6,768
Maine	648	1,426	1,632	1,042	1,002	1,257	1,749	2,197
Maryland	6,693	8,956	12,015	10,938	11,355	19,128	16,394	20,909
Massachusetts	41,072	48,916	60,306	80,359	86,726	100,621	101,811	134,649
Michigan	10,165	13,566	14,215	15,674	23,199	23,520	23,366	24,500
Minnesota	7,946	8,440	9,311	9,494	11,575	14,259	10,727	14,997
Mississippi	3,455	816	1,022	938	1,242	1,517	1,320	1,599
Missouri	10,376	11,046	10,150	11,780	17,924	22,357	20,666	22,859
Montana	612	585	906	523	384	393	724	282
Nebraska	2,390	4,348	2,535	2,207	2,472	2,747	3,829	3,214
Nevada	0	0	0	0	0	0	0	0
New Hampshire	2,627	3,588	3,609	3,808	4,462	4,081	5,341	4,191
New Jersey	14,318	15,046	17,284	20,419	23,780	32,522	35,159	34,593
New Mexico	155	121	78	194	87	151	216	216
New York	105,850	119,189	134,886	158,625	171,389	209,192	222,787	228,403
North Carolina	16,488	19,594	21,090	23,462	26,635	31,739	36,890	88,418
North Dakota	186	182	255	368	268	391	397	417
Ohio	20,139	18,490	19,551	22,836	22,473	28,214	31,948	37,189
Oklahoma	4,512	5,780	6,054	5,376	5,019	5,208	4,065	4,946
Oregon	3,459	2,689	2,001	2,797	1,969	2,544	3,643	5,103
Pennsylvania	57,491	66,667	64,127	74,478	79,722	88,101	109,700	109,060
Rhode Island	3,114	3,684	3,922	6,619	6,925	4,234	6,301	11,447
South Carolina	4,447	4,616	5,325	6,319	5,508	5,850	7,431	7,275
South Dakota	436	361	522	927	389	623	955	1,214
Tennessee	6,263	6,835	8,045	8,340	9,594	13,230	14,721	18,337
Texas	35,929	31,450	45,550	44,282	48,572	53,057	41,104	45,166
Utah	255	496	322	8	3	3,462	15	14
Vermont	1,072	1,004	1,239	1,444	1,870	2,563	2,651	2,737
Virginia	6,714	6,500	7,743	8,448	9,692	10,319	11,578	11,246
Washington	2,983	2,103	3,051	3,890	9,220	3,880	6,712	6,221
West Virginia	1,324	1,684	1,262	1,261	1,583	1,981	1,639	2,533
Wisconsin	12,827	10,212	11,232	13,174	12,324	10,070	13,674	14,275
Wyoming	0	0	0	0	0	0	0	0

TABLE A-10.

Full-Time Equivalent (FTE) Enrollment at Public Colleges and Universities 1979/80 to 1986/87

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	6,319,697	6,610,908	6,713,341	6,750,541	6,760,322	6,590,855	6,573,243	6,685,922
Alabama	111,582	146,857	150,766	157,244	152,285	151,430	158,842	161,320
Alaska	9,430	10,432	12,522	12,544	13,384	14,004	14,549	14,506
Arizona	116,530	120,728	121,596	124,473	124,873	119,820	122,028	127,342
Arkansas	51,674	53,711	52,072	52,972	52,712	52,362	51,854	53,288
California	898,309	940,453	982,238	968,658	924,917	892,058	882,522	928,771
Colorado	111,856	115,080	115,958	117,053	117,111	112,140	110,537	115,862
Connecticut	65,137	66,354	67,155	67,402	68,085	66,291	64,633	64,034
Delaware	21,550	22,219	22,121	22,095	21,802	21,429	21,752	21,372
Dist. of Columbia	7,851	7,333	7,657	8,184	8,026	7,717	7,310	6,785
Florida	214,639	223,391	225,156	228,323	228,649	224,107	227,845	239,777
Georgia	105,088	106,228	111,041	115,837	116,274	112,999	112,230	112,202
Hawaii	32,615	32,533	33,406	34,391	33,819	31,809	31,065	30,208
Idaho	24,651	26,303	26,194	26,809	26,589	26,193	25,278	26,171
Illinois	300,858	318,125	325,721	333,842	328,330	317,151	327,694	332,825
Indiana	130,492	142,416	145,431	146,954	148,006	143,799	143,572	142,584
Iowa	76,413	81,782	83,960	88,000	90,771	90,293	90,439	90,340
Kansas	86,911	89,457	90,186	91,053	91,722	90,788	89,724	91,638
Kentucky	84,223	88,120	89,456	88,452	89,138	86,211	83,882	86,046
Louisiana	106,309	110,605	118,212	119,070	124,180	121,811	124,388	119,204
Maine	23,678	24,484	24,769	24,641	25,249	24,668	24,432	24,422
Maryland	129,333	131,882	132,758	135,294	137,355	133,629	131,770	131,284
Massachusetts	122,890	128,401	126,245	125,584	130,198	127,842	127,966	123,054
Michigan	299,735	311,392	308,816	301,889	302,197	293,365	290,244	292,321
Minnesota	115,175	121,828	124,557	127,770	126,031	124,881	126,950	129,769
Mississippi	75,073	75,675	80,059	79,821	82,134	77,707	76,451	75,324
Missouri	114,270	122,582	127,036	127,372	128,224	123,032	120,758	119,304
Montana	24,851	26,207	26,688	27,553	28,018	27,047	26,666	25,651
Nebraska	51,800	53,184	55,181	56,389	56,407	56,933	57,013	58,111
Nevada	19,249	22,346	21,715	23,040	23,487	22,960	23,111	24,065
New Hampshire	19,410	20,103	20,736	20,972	20,893	21,111	20,773	21,535
New Jersey	161,508	164,658	164,971	163,417	166,110	159,704	155,085	152,785
New Mexico	40,160	41,554	42,641	44,465	45,776	45,426	46,145	51,722
New York	417,003	423,450	428,207	427,826	431,578	418,541	413,066	426,772
North Carolina	160,693	171,293	176,492	180,019	178,222	177,462	186,760	185,428
North Dakota	26,375	28,116	29,106	28,999	29,965	29,884	29,897	29,552
Ohio	265,084	278,993	284,932	284,324	288,328	279,841	277,898	280,709
Oklahoma	97,523	100,659	99,504	102,016	106,112	101,677	101,765	102,913
Oregon	94,675	98,309	95,719	91,129	89,886	88,200	86,531	88,778
Pennsylvania	215,372	222,745	223,414	228,595	230,998	228,109	227,941	228,734
Rhode Island	23,750	24,451	24,765	24,136	24,233	23,049	23,899	23,890
South Carolina	80,713	84,688	85,651	85,800	83,805	81,701	82,224	83,143
South Dakota	19,867	20,580	21,901	21,850	21,875	19,917	19,157	19,477
Tennessee	111,994	115,804	113,888	115,273	117,086	112,421	108,183	108,867
Texas	421,240	435,101	437,274	459,185	480,475	475,767	461,268	459,483
Utah	44,576	47,057	46,456	48,539	50,003	50,961	51,637	56,514
Vermont	13,739	14,203	14,155	14,090	14,316	14,207	14,391	14,515
Virginia	162,834	170,031	174,358	172,435	173,497	168,823	170,950	177,545
Washington	178,453	183,718	171,055	150,005	150,037	149,776	150,048	148,947
West Virginia	50,846	51,462	51,991	53,489	53,803	51,337	50,105	50,382
Wisconsin	167,389	178,692	181,856	184,568	185,895	181,323	182,829	189,751
Wyoming	14,321	15,133	15,597	16,700	17,456	17,142	17,186	16,884

SOURCE: Original data are from The National Center for Education Statistics, U.S. Department of Education. Data analysis provided by NIICU Data Services.

TABLE A-11.

Full-Time Equivalent (FTE) Enrollment at Independent Colleges and Universities 1979/80 to 1986/87

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	2,003,539	2,053,780	2,075,327	2,060,645	2,073,374	2,060,890	2,059,156	1,988,773
Alabama	17,186	17,353	17,072	16,922	17,091	16,893	16,238	16,024
Alaska	358	458	554	635	592	657	668	610
Arizona	2,325	2,616	2,641	2,926	2,911	3,153	3,385	3,314
Arkansas	8,680	8,902	8,793	8,402	8,273	8,116	7,965	7,798
California	142,354	148,540	147,368	148,709	151,347	152,681	153,167	148,678
Colorado	12,071	12,891	13,746	13,174	12,853	12,231	12,154	11,733
Connecticut	43,750	44,604	45,211	44,400	44,412	44,236	44,094	41,386
Delaware	3,243	3,301	4,122	3,986	3,963	4,037	3,729	3,540
Dist. of Columbia	52,374	52,914	54,144	50,482	49,260	49,639	49,714	47,609
Florida	58,004	60,250	61,752	61,532	61,925	63,668	65,463	63,063
Georgia	34,075	34,919	35,229	34,744	34,723	33,987	34,209	33,680
Hawaii	4,235	4,394	4,164	4,613	5,608	6,315	6,556	6,290
Idaho	7,530	7,366	7,463	7,587	7,446	7,345	7,899	7,713
Illinois	112,572	114,130	114,075	112,304	113,539	113,871	113,952	109,002
Indiana	45,811	47,070	46,997	45,852	46,917	45,332	44,427	43,352
Iowa	35,917	36,671	36,438	36,034	36,190	36,528	35,598	34,644
Kansas	12,400	12,731	12,344	12,275	12,262	12,027	11,519	11,051
Kentucky	17,592	18,684	18,421	17,800	18,450	18,544	18,597	18,067
Louisiana	19,225	19,809	19,859	19,594	20,114	19,806	18,888	18,377
Maine	9,255	9,166	9,135	10,122	11,371	11,273	11,268	10,607
Maryland	21,223	21,923	22,915	22,643	23,011	22,784	22,873	21,486
Massachusetts	179,795	184,758	187,797	183,625	186,112	185,814	186,173	179,948
Michigan	51,619	53,244	53,677	54,325	56,531	56,412	56,771	54,901
Minnesota	37,670	39,481	39,825	39,465	39,128	38,763	38,687	38,072
Mississippi	8,291	7,879	7,890	7,738	8,152	8,104	7,894	7,634
Missouri	51,944	51,812	52,135	51,260	51,961	51,916	50,896	48,438
Montana	2,579	2,926	2,818	2,671	2,907	2,898	2,761	2,620
Nebraska	13,153	13,703	14,184	13,938	14,195	13,918	13,318	12,975
Nevada	186	144	149	301	299	242	232	225
New Hampshire	15,786	17,356	17,147	18,291	18,648	18,559	18,609	17,912
New Jersey	52,852	54,063	53,388	54,105	46,119	44,986	43,643	41,110
New Mexico	2,569	2,594	2,649	2,506	2,268	1,840	1,769	1,668
New York	307,925	317,522	324,016	320,432	321,911	320,244	320,548	307,811
North Carolina	50,853	52,304	52,079	51,093	51,450	51,263	52,051	51,324
North Dakota	1,842	2,085	2,321	2,289	2,388	2,603	2,608	2,520
Ohio	78,761	79,529	80,854	80,250	80,665	79,876	79,093	76,679
Oklahoma	17,623	17,129	16,481	16,729	16,965	16,462	16,450	16,101
Oregon	14,548	14,807	14,978	14,788	14,904	14,934	15,106	14,649
Pennsylvania	161,484	168,836	172,347	171,499	172,563	172,000	172,040	165,080
Rhode Island	25,156	25,552	26,890	27,268	28,568	28,299	28,603	27,734
South Carolina	23,519	19,851	19,605	23,098	22,446	21,635	21,312	21,005
South Dakota	7,052	7,360	7,440	7,330	7,196	4,573	4,850	4,679
Tennessee	41,363	41,133	40,507	40,169	40,059	39,340	38,610	38,053
Texas	70,962	73,093	74,500	74,315	74,787	74,073	73,971	72,160
Utah	26,502	26,795	27,289	26,433	26,605	26,621	26,140	25,574
Vermont	11,360	11,379	10,979	10,931	11,097	11,141	11,106	10,881
Virginia	29,898	30,463	30,597	31,665	32,538	31,794	35,203	34,380
Washington	22,142	22,570	23,592	23,201	23,473	22,970	22,563	21,863
West Virginia	8,807	8,583	8,596	8,230	8,226	7,841	7,441	7,191
Wisconsin	27,118	28,137	28,154	27,964	28,955	28,646	28,435	27,562
Wyoming	0	0	0	0	0	0	0	0

SOURCE: Original data are from The National Center for Education Statistics, U.S. Department of Education. Data analysis provided by NIKU Data Services.

TABLE A-12.

Total Corporate Support of Public Colleges and Universities per FTE Student 1979/80 to 1986/87

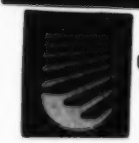
	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	$1,010	$1,059	$1,161	$1,207	$1,295	$1,527	$1,616	$1,678
Alabama	997	879	881	946	1,001	1,334	1,889	1,368
Alaska	7,253	7,985	8,042	9,335	9,347	9,426	9,149	7,911
Arizona	896	1,058	1,141	1,073	1,154	1,518	1,482	1,497
Arkansas	807	815	888	934	1,001	1,253	1,356	1,334
California	1,042	1,145	1,166	1,151	1,242	1,617	1,739	1,885
Colorado	637	707	885	960	1,056	1,144	1,212	1,273
Connecticut	796	919	959	1,045	1,165	1,589	1,788	2,022
Delaware	996	1,101	1,364	1,443	1,493	1,678	1,748	1,909
Dist. of Columbia	1,962	2,305	2,207	2,273	2,417	2,631	2,955	3,183
Florida	1,044	1,132	1,310	1,366	1,506	1,684	1,596	1,691
Georgia	1,008	1,105	1,097	1,284	1,313	1,735	1,799	1,704
Hawaii	1,078	1,186	1,345	1,571	1,608	1,762	2,028	1,777
Idaho	937	988	1,016	966	1,071	1,279	1,414	1,429
Illinois	1,080	1,145	1,192	1,190	1,304	1,483	1,563	1,605
Indiana	1,030	1,088	1,164	1,081	1,185	1,320	1,512	1,667
Iowa	882	829	936	1,117	999	1,115	1,185	1,242
Kansas	1,056	1,158	1,226	1,277	1,297	1,458	1,546	1,431
Kentucky	1,043	1,020	1,154	1,210	1,342	1,373	1,505	1,616
Louisiana	1,477	1,774	1,909	2,102	1,913	2,203	2,058	1,947
Maine	571	597	664	758	701	874	1,041	1,293
Maryland	712	782	772	838	847	1,013	1,106	1,212
Massachusetts	706	697	747	806	900	877	963	1,154
Michigan	759	689	848	803	845	1,033	1,163	1,214
Minnesota	1,163	1,127	1,268	1,254	1,384	1,611	1,744	1,837
Mississippi	1,065	1,169	1,186	1,241	1,382	1,474	1,624	1,516
Missouri	670	721	747	778	885	1,081	1,288	1,358
Montana	1,058	1,140	1,377	1,531	1,618	1,742	1,885	1,718
Nebraska	721	796	842	855	838	900	973	923
Nevada	935	882	972	959	988	1,054	1,293	1,345
New Hampshire	546	567	695	640	732	701	843	911
New Jersey	1,098	1,145	1,266	1,360	1,469	1,678	2,003	2,206
New Mexico	1,461	1,685	1,886	1,979	2,072	2,197	2,199	2,068
New York	1,090	1,144	1,270	1,329	1,517	1,758	1,852	1,986
North Carolina	997	1,037	1,150	1,213	1,294	1,696	1,824	1,985
North Dakota	1,000	943	1,249	1,275	1,223	1,316	1,401	1,439
Ohio	866	889	898	955	1,079	1,226	1,402	1,524
Oklahoma	942	1,062	1,312	1,517	1,364	1,714	2,009	1,813
Oregon	918	876	1,011	1,112	1,278	1,352	1,504	1,550
Pennsylvania	969	989	1,067	1,121	1,176	1,311	1,418	1,499
Rhode Island	827	864	955	1,105	1,119	1,243	1,278	1,389
South Carolina	1,027	1,048	1,093	1,102	1,250	1,471	1,500	1,610
South Dakota	534	522	548	513	490	666	756	737
Tennessee	1,080	1,029	1,115	1,176	1,230	1,552	1,844	2,017
Texas	1,546	1,680	2,168	2,226	2,329	2,574	2,435	2,233
Utah	904	940	1,102	1,303	1,419	1,328	1,364	1,251
Vermont	550	592	680	768	766	813	869	875
Virginia	792	877	911	1,005	1,041	1,280	1,329	1,430
Washington	942	885	956	1,139	1,379	1,483	1,559	1,738
West Virginia	1,373	1,425	1,605	1,421	1,484	1,812	2,121	2,005
Wisconsin	735	706	788	837	921	998	1,066	1,056
Wyoming	2,283	2,914	3,321	3,683	3,642	4,074	5,141	4,198

TABLE A-13.

Total Corporate Support of Independent Colleges and Universities per FTE Student 1979/80 to 1986/87

	1979–80	1980–81	1981–82	1982–83	1983–84	1984–85	1985–86	1986–87
United States	**$282**	**$295**	**$333**	**$380**	**$411**	**$483**	**$519**	**$589**
Alabama	273	119	301	335	266	285	264	395
Alaska	98	443	79	47	41	65	64	2,721
Arizona	134	119	203	166	170	145	146	165
Arkansas	55	57	40	64	112	128	138	146
California	336	374	478	536	549	658	710	733
Colorado	**180**	**174**	**144**	**187**	**186**	**294**	**220**	**183**
Connecticut	**227**	**232**	**264**	**320**	**344**	**405**	**581**	**617**
Delaware	**26**	**38**	**39**	**39**	**44**	**29**	**31**	**80**
Dist. of Columbia	**114**	**199**	**180**	**188**	**217**	**267**	**301**	**223**
Florida	**169**	**205**	**264**	**318**	**312**	**308**	**397**	**406**
Georgia	152	195	252	268	254	265	289	303
Hawaii	25	30	27	24	28	18	54	69
Idaho	20	12	7	34	58	24	7	4
Illinois	443	423	494	459	524	608	706	822
Indiana	309	270	266	331	274	497	502	533
Iowa	**250**	**240**	**235**	**292**	**299**	**309**	**314**	**358**
Kansas	**242**	**183**	**203**	**247**	**307**	**282**	**377**	**370**
Kentucky	**206**	**173**	**213**	**297**	**277**	**227**	**215**	**311**
Louisiana	**241**	**270**	**360**	**458**	**443**	**432**	**305**	**368**
Maine	**70**	**155**	**178**	**102**	**88**	**112**	**155**	**207**
Maryland	315	408	524	483	493	840	717	973
Massachusetts	228	265	321	438	466	542	547	748
Michigan	197	255	265	289	410	417	412	446
Minnesota	211	213	234	241	296	368	277	394
Mississippi	417	104	130	121	152	187	167	209
Missouri	**200**	**213**	**195**	**230**	**345**	**431**	**406**	**472**
Montana	**237**	**200**	**322**	**196**	**132**	**136**	**262**	**108**
Nebraska	**182**	**317**	**179**	**158**	**174**	**197**	**288**	**248**
Nevada	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
New Hampshire	**166**	**207**	**210**	**208**	**239**	**220**	**287**	**234**
New Jersey	271	278	324	377	516	723	806	841
New Mexico	60	47	29	77	38	82	122	129
New York	344	375	416	495	532	653	695	742
North Carolina	324	375	405	459	518	619	709	1,723
North Dakota	101	87	110	161	112	150	152	165
Ohio	**256**	**232**	**242**	**285**	**279**	**353**	**404**	**485**
Oklahoma	**256**	**337**	**367**	**321**	**296**	**316**	**247**	**307**
Oregon	**238**	**182**	**134**	**189**	**132**	**170**	**243**	**348**
Pennsylvania	**356**	**395**	**372**	**434**	**462**	**512**	**638**	**661**
Rhode Island	**124**	**144**	**146**	**243**	**242**	**150**	**220**	**413**
South Carolina	189	233	271	274	245	270	349	346
South Dakota	62	49	70	126	54	136	197	259
Tennessee	151	166	199	208	239	336	381	482
Texas	506	430	611	596	649	716	556	626
Utah	10	19	12	1	1	130	1	1
Vermont	**94**	**88**	**113**	**132**	**168**	**230**	**239**	**252**
Virginia	**225**	**213**	**253**	**267**	**298**	**325**	**329**	**327**
Washington	**135**	**93**	**129**	**168**	**392**	**169**	**297**	**285**
West Virginia	**150**	**196**	**147**	**153**	**192**	**253**	**220**	**352**
Wisconsin	**473**	**363**	**399**	**471**	**426**	**352**	**481**	**518**
Wyoming	0	0	0	0	0	0	0	0

National Institute of Independent
Colleges and Universities



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